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Applicant(s)/Patent under Reexamination

10/619,771 Examiner

PU ET AL. Art Unit

Tan V. Mai

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| <b>√</b> | Rejected |
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| 1        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla             | im       | Date    |          |          |  |              |                                     | <u>  C</u>                                       | Claim Date |        |       |          |          |          |        | _ | L       | Cla      | aim | Date   |        |   |         |          |                |                         |   |  |  |           |              |          |   |
|-----------------|----------|---------|----------|----------|--|--------------|-------------------------------------|--|------------|--------|-------|----------|----------|----------|--------|---|---------|----------|-----|--------|--------|---|---------|----------|----------------|-------------------------|---|--|--|-----------|--------------|----------|---|
| Final           | Original | 9/11/06 |          |          |  |              |                                     |  |            |        | Final | Original |          |          |        |   |         |          |     |        |        |   | Final   | Original |                |                         |   |  |  |           |              |          |   |
|                 | 1        | 7       | ┪        | 1        | $\vdash$   |              | _                                   | <del>                                     </del> | $\vdash$   | П      |       | 51       | T        | 1        |        |   |         | $\neg$   | _   | $\neg$ | _      | r |         | 101      | $\neg \dagger$ | $\dashv$                | $\top$  | 7  | ┪  | 寸         | $\neg$       | $\neg$   |   |
|                 | 2        | Ť       | Н        | $\vdash$ |  | Т            | 1                                   | t  | •          | П      |       | 52       | t        | <u> </u> |        |   |         |          |     |        |        | r |         | 102      | T              | $\top$                  | #   | $\dashv$   | 1  | 7         | $\dashv$     | $\neg$   |   |
|                 | 3        | T       | Т        |          |  |              |                                     | T  |            |        |       | 53       | T        | T        |        |   |         |          |     |        |        | 上 |         | 103      | T              | T                       | $\top$  | $\dashv$   | 寸  | 7         | $\neg$       | $\neg$   |   |
|                 | 4        | $\top$  | ⇈        |          | $\vdash$   | T            |                                     | T  |            |        |       | 54       | T        |          |        |   |         |          |     |        |        | T |         | 104      | - 1            | $\top$                  | 7   | ┪  | ╛  | ヿ         |              |          |   |
|                 | 5        | H       | T        |          |  |              | İТ                                  | T  | T          | $\Box$ |       | 55       |          |          |        |   |         |          |     |        |        | r |         | 105      | T              | 寸                       | 十   | 寸  | $\neg$   | 寸         | 1            |          |   |
|                 | 6        | +       | _        |          |  |              |                                     |  | ┢          |        |       | 56       | 1        | Г        |        |   |         |          |     |        | _      | r |         | 106      |                | ┪                       | 十   | 十  | _  | 7         | 寸            |          |   |
| -               | 7        | 1       | $\vdash$ | T        | <del>                                     </del> | T            | T                                   |  | $\vdash$   | П      |       | 57       |          | Г        |        |   |         | $\neg$   |     | $\Box$ | _      | r |         | 107      | T              | 7                       | 十   | 十  | 寸  |           | 寸            | $\dashv$ |   |
|                 | 8        |         | ✝        |          |  |              | T                                   | T  | T          |        |       | 58       |          |          | П      |   |         | _        |     |        | Ti.    | T |         | 108      | 寸              | 1                       | 1   | 寸  | ヿ  | 寸         | 寸            | 7        |   |
|                 | 9        | I       |          |          |  | $\vdash$     | T                                   | 1  |            | П      |       | 59       |          |          |        |   |         | T        |     |        |        | r |         | 109      |                | 7                       | 十   | 寸  | ╗  | $\neg$    | 寸            | 寸        |   |
|                 | 10       | T       |          |          | _  |              |                                     |  | Г          | П      |       | 60       | T        |          | П      |   |         |          |     |        |        | r |         | 110      | $\neg$         | T                       | _   |  | 寸  | $\exists$ | 寸            | 寸        | _ |
|                 | 11       | $H^-$   |          |          |  |              | Π                                   | $\vdash$   | Π          | П      |       | 61       | Т        |          |        |   |         | $\neg$   |     |        |        | 一 |         | 111      | T              | 7                       | ┪   | ヿ  | 寸  |           |              | $\dashv$ |   |
|                 | 12       | П       |          |          |  |              |                                     |  | Г          | П      |       | 62       | Т        |          |        |   |         |          |     |        |        | Γ |         | 112      |                | 7                       | ┰   | $\top$   | 一  | 寸         | 寸            | 寸        |   |
|                 | 13       | Π       |          |          | Γ  |              | Ī                                   |  |            |        |       | 63       |          |          |        |   |         |          |     |        |        |   |         | 113      |                |                         | 丁   | $\exists$  | $\dashv$   | T         | $\dashv$     | 寸        |   |
|                 | 14       | $\Pi$   |          |          |  |              |                                     | Π  | П          |        |       | 64       | Г        |          |        |   |         |          |     |        |        | Г |         | 114      | $\neg$         | ╗                       | $\neg$  | _  | T  |           | 一            | T        |   |
|                 | 15       | П       |          |          | Г  |              | Г                                   | Γ  | Π          |        |       | 65       | Γ        |          |        |   |         |          |     |        |        | Γ |         | 115      |                | $\neg$                  | T   | T  | $\neg$   | $\neg$    | $\neg$       | ヿ        |   |
|                 | 16       | Π       | ·        |          |  |              | Г                                   |  | Π          |        |       | 66       | Π        |          |        |   |         |          |     | $\Box$ |        | Γ |         | 116      |                | 7                       | T   | T  | ヿ  | $\sqcap$  | 寸            | 寸        |   |
|                 | 17       | V       |          | Г        |  |              | П                                   |  | Γ          |        |       | 67       |          |          |        |   |         |          |     | $\Box$ |        | Γ |         | 117      |                |                         | Т   | ╗  |  |           | $\neg$       | $\neg$   |   |
|                 | 18       |         |          | Г        |  | П            | П                                   |  | Π          |        |       | 68       |          |          |        |   |         |          |     |        |        |   |         | 118      |                |                         |   | 7  | $\neg$   | $\Box$    | $\Box$       | 一        |   |
|                 | 19       |         |          |          |  |              |                                     |  |            |        |       | 69       |          |          |        |   |         |          |     |        |        |   |         | 119      |                |                         | ╗   | $\neg$   | T  | $\Box$    | $\neg$       |          |   |
|                 | 20       |         |          |          |  |              | Π                                   |  | Π          |        |       | 70       |          |          |        |   |         | $\neg$   |     |        |        | Γ |         | 120      |                | $\top$                  | T   | ╅  | ヿ  |           | $\Box$       | $\neg$   |   |
|                 | 21       |         |          | Г        | Г  |              | Π                                   | Π  | П          |        |       | 71       |          | П        |        |   |         |          |     |        |        |   |         | 121      | T              | T                       | T   | $\neg$   | ヿ  | $\Box$    | T            | ヿ        |   |
|                 | 22       |         |          |          |  |              |                                     |  |            |        |       | 72       |          |          |        |   |         |          |     |        |        |   |         | 122      | Ī              |                         | 1   | T  |  |           |              |          |   |
|                 | 23       |         |          |          | Г  |              | Π                                   |  | Г          |        |       | 73       |          | П        |        |   |         |          |     |        |        | Γ |         | 123      | $\neg$         | Т                       | $\neg$  | $\neg$   | ヿ  | $\neg$    | $\neg$       | 一        |   |
|                 | 24       |         |          |          |  |              | Г                                   | Π  | Г          |        |       | 74       |          |          |        |   |         |          |     | $\Box$ |        | Г |         | 124      |                | T                       | $\neg$  | $\neg$   | 一  | $\neg$    | $\neg$       | $\neg$   |   |
|                 | 25       |         |          |          |  | Г            |                                     |  |            |        |       | 75       |          |          |        |   |         | $\neg$   |     |        |        | Г |         | 125      | $\neg$         | 丁                       | $\top$  | 丁  | コ  | $\neg$    | $\neg$       | T        |   |
|                 | 26       |         |          |          |  |              |                                     |  |            |        |       | 76       | П        |          |        |   |         |          |     |        |        |   |         | 126      |                | T                       | T   | $\neg$   |  |           |              |          |   |
|                 | 27       |         |          |          |  |              |                                     |  |            |        |       | 77       | Π        |          |        |   |         |          |     |        |        |   |         | 127      |                |                         |   | Т  |  |           |              |          |   |
|                 | 28       |         |          |          |  |              |                                     |  |            |        |       | 78       |          |          |        |   |         |          |     |        |        |   |         | 128      | $\Box$         |                         | T   | T  | ヿ  |           | ヿ            | $\Box$   |   |
|                 | 29       |         |          |          |  |              |                                     |  |            |        |       | 79       |          |          |        |   |         |          |     |        |        |   |         | 129      |                |                         |   | П  |  |           |              |          |   |
|                 | 30       |         |          |          |  |              |                                     | Γ  | П          |        |       | 80       |          |          |        |   |         |          |     |        | $\neg$ | Γ |         | 130      | $\neg$         |                         | T   | Т  | П  |           | $\sqcap$     | $\neg$   |   |
|                 | 31       |         |          |          |  |              |                                     |  |            |        |       | 81       |          |          |        |   |         |          |     |        |        |   |         | 131      |                |                         |   | $\Box$   |  |           |              |          |   |
|                 | 32       |         |          |          |  |              |                                     |  |            |        |       | 82       |          |          |        |   |         |          |     |        |        |   |         | 132      |                |                         |   | П  |  |           |              |          |   |
|                 | 33       |         |          |          |  |              |                                     |  |            |        |       | 83       |          |          |        |   |         |          |     |        |        |   |         | 133      |                |                         | $\Box$  | $\Box$   |  |           |              |          |   |
|                 | 34       |         |          |          |  |              | 匚                                   | $\Box$   |            |        |       | 84       |          |          |        |   |         |          |     |        | $\Box$ |   |         | 134      |                | $oldsymbol{\bot}$       | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $\Box$   | $\Box$   | $\Box$    | $\Box$       |          |   |
|                 | 35       |         | <u> </u> |          | L.   | $oxed{oxed}$ | 匚                                   |  | $\Box$     |        |       | 85       | <u> </u> | L        | $\Box$ |   |         |          |     |        |        |   |         | 135      | $\Box$         |                         | $oldsymbol{ol}}}}}}}}}}}}}}}$ |  | $\Box$   |           |              |          |   |
|                 | 36       |         |          |          |  | $\Box$       |                                     |  |            |        |       | 86       | ┕        |          |        |   | $\Box$  |          |     |        | _]     |   | ]       | 136      |                |                         | $oxed{\int}$  | $oxed{oxed}$   | $\Box$   |           | $oxed{oxed}$ | $\Box$   |   |
|                 | 37       |         |          |          |  |              | 匚                                   | 匚  |            |        |       | 87       |          |          |        |   | $\Box$  |          |     |        | _]     |   |         | 137      |                |                         | $\Box$  | $oldsymbol{ol}}}}}}}}}}}}}}}}$ | $oldsymbol{ol}}}}}}}}}}}}}}}$  |           |              | $\Box$   |   |
|                 | 38       |         |          |          |  |              | L                                   | L  |            |        |       | 88       |          |          |        |   | ]       |          |     |        | $\Box$ |   |         | 138      |                | $\Box$                  | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$   | $\prod$  | $oldsymbol{ol}}}}}}}}}}}}}}}}$ | $\Box$    | $\Box$       |          |   |
|                 | 39       |         |          |          | Ĺ  |              |                                     |  |            |        |       | 89       |          |          |        |   | $\Box$  | $\Box$   |     |        | _]     |   |         | 139      |                | $\Box$                  | $oxed{oxed}$  | $\prod$  | $oldsymbol{ol}}}}}}}}}}}}}}}$  | $\Box$    |              |          |   |
|                 | 40_      |         | ·        |          | $\Box$   |              |                                     |  |            |        |       | 90       |          |          |        |   | $\Box$  | $\Box$   |     |        |        |   |         | 140      | $\Box$         |                         | $oxed{I}$   |  |  |           |              | $\Box$   |   |
|                 | 41       |         |          |          |  |              |                                     | $\Box$   | $\Box$     |        |       | 91       |          |          |        |   | $\Box$  |          | _]  |        | _]     |   |         | 141      | $\Box$         | $oldsymbol{\mathbb{I}}$ | $\perp$   | floor  |  |           | $\Box$       | $\Box$   |   |
|                 | 42       |         |          |          |  |              |                                     |  |            |        |       | 92       |          |          |        |   | $\Box$  | $\Box$   |     |        | _      |   |         | 142      | $\Box$         | $\Box$                  | $\perp$   |  |  | $\Box$    | $\Box$       | $\Box$   |   |
|                 | 43       |         | Ш        |          |  |              | $\perp$                             | L  | Ш          |        |       | 93       | ┖        | Ш        |        |   |         |          |     |        |        | L |         | 143      | [              | $\perp$                 |   |  | $\Box$   | $\Box$    | $\perp$      |          |   |
| $\sqcup$        | 44       |         | L        |          | L  | L.           | Ш                                   | <u> </u>   |            |        |       | 94       |          |          |        |   | l       |          |     |        |        | L | $\perp$ | 144      |                | $\perp$                 |   |  | $\bot$   | [         | [            |          |   |
| $\sqcup \sqcup$ | 45       |         | Щ        | $\Box$   | L  | Ш            | <u> </u>                            | $ldsymbol{f eta}$                                | Ш          | Ш      |       | 95       | L        | Ш        |        | _ | $\perp$ |          | _]  | [      |        | L |         | 145      |                | $\perp$                 |   | ⅃  | $\perp$  | $\bot$    | $\bot$       | $\Box$   |   |
| ota             | 46       |         | L_       |          | L_   | L            | L_                                  | <u> </u>   | Ш          | Ш      |       | 96       | Ш        | Ш        | Щ      |   |         | $\Box$   |     |        |        | L | $\Box$  | 146      |                | $\perp$                 |   | $\perp$  | _[   | _[        |              |          |   |
| igsquare        | 47       |         | Щ        |          | $oxed{oxed}$                                     | Ш            | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $oxed{oxed}$                                     | Ш          | Ш      | ļ     | 97       | Ш        | Ш        |        |   |         | $\sqcup$ |     |        |        | L |         | 147      | $\perp$        | $\perp$                 | $\perp$   | $\perp$  |  | $\perp$   | $\Box$       | $\Box$   |   |
| igsquare        | 48       |         | Ш        |          | Ш  | Ш            | <u> </u>                            |  | Ш          | $\Box$ |       | 98       |          | Ш        |        |   |         | [        | _]  | _      | _      | L |         | 148      | $\perp$        |                         | $\perp$   |  | $\perp$  | $\Box$    | $\bot$       | $\bot$   |   |
| $\sqcup$        | 49       |         | Ш        |          | Ш  | Ш            |                                     | _  | Ш          | _      | L_    | 99       | oxdot    | Ш        | Ш      | ļ |         |          |     |        | _      | L |         | 149      | $\perp$        | $\perp$                 |   | $\perp$  | $\prod$  | _[        |              |          |   |
| $\bigsqcup$     | 50       |         |          |          |  |              |                                     | ı  | ΙÌ         |        | 1     | 100      | l        |          | ⊢ I    | I | I       |          | - 1 | - [    |        |   | T       | 150      | T              |                         | Т   | T  | T  | Т         | Т            | Т        |   |